Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Friday 17 Nov 2023 until 23:59 on Saturday 18 Nov 2023

Forecast Issued on Friday 17 Nov 2023 at 02:58

Confidence: Overall high confidence, lower for detail Sunday into Monday.

Headline for Friday 17 Nov 2023: Largely dry, aside from a few morning showers, with bright or sunny spells.

Mountain weather hazards on Friday 17 Nov 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain showers (night)	Light rain showers	Sunny intervals	Sunny intervals	Partly cloudy (night)	Cloudy
Precipitation probability					
30%	20%	10%	10%	10%	40%

Forecast for Friday 17 Nov 2023

Weather: Remnants of the rain band clearing east during the early hours to leave patchy cloud and clears spells. Any significant breaks in the cloud may allow for some isolated patches of fog and shallow fog quickly forming around dawn. A few scattered showers possible during the first part of the morning, otherwise dry with sunny spells. Clouding over later in the afternoon but remaining bright. Low cloud and rain arriving from the west by midnight.

Chance of cloud-free hill tops above 600m: 80%

Low cloud and visibility: Few or scattered cloud base 400-600m at times, mainly in association with rain at first or showers during the morning. Visibility mostly good but temporarily reducing in rain or showers and any isolated fog patches first thing. .

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Friday 17 Nov 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/19 SW	12/15 SW	12/16 SW	10/13 SW	9/12 S	12/18 S	17/26 S
300	12/17 SW	6/9 SW	9/12 SW	5/9 SW	7/11 S	9/16 S	12/21 S
Valley	5/14 SW	2/7 S	5/9 SW	3/8 SW	4/10 SE	5/15 SE	8/20 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-2	3/-2	4/-1	4/0	3/0	4/0	4/-1
300	4/1	5/2	6/3	6/5	6/4	6/4	6/2
Valley	5/3	5/4	6/5	7/6	6/4	6/4	6/4
Freezing Level*	1000m	1100m	1000m	1000m	1000m	1100m	1400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling cold at height.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Fri 17 Nov 2023	3mm	8mm	19.8mm

Forecast for Saturday 18 Nov 2023

Weather: A band of rain will push eastwards overnight and during Saturday morning giving heavy outbreaks at times. This will have mostly cleared into the afternoon giving drier and brighter conditions with sunny spells, perhaps the odd shower later.

Maximum wind: Southeasterly 20mph gusting 35-40mph, becoming southwesterly into the afternoon but remaining strong.

Chance of cloud-free hill tops above 600m: 20% increasing 80% by mid-afternoon

Low cloud and visibility: Broken low cloud base 400-600m during the morning, lifting and breaking to few or scattered 600-800m into the afternoon. Moderate visibility in rain, poor in hill fog, but good in dry conditions.

Temperature: **Valleys:** Plus 6 rising to plus 12 Celsius
At 600m: Plus 4 rising to plus 10 Celsius
Freezing level: Above summits

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